

# Automation Solutions and process management base delivery PILOT platforms



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# Products



## Pilot

Real-time monitoring



## Pilot Task Manager

Monitoring the execution of requests



## Autoconductor

Automation of passenger transport management

## GARM

## Garm

Control and protection of transport and real estate



## Logist-Navigator

Creating the shortest routes

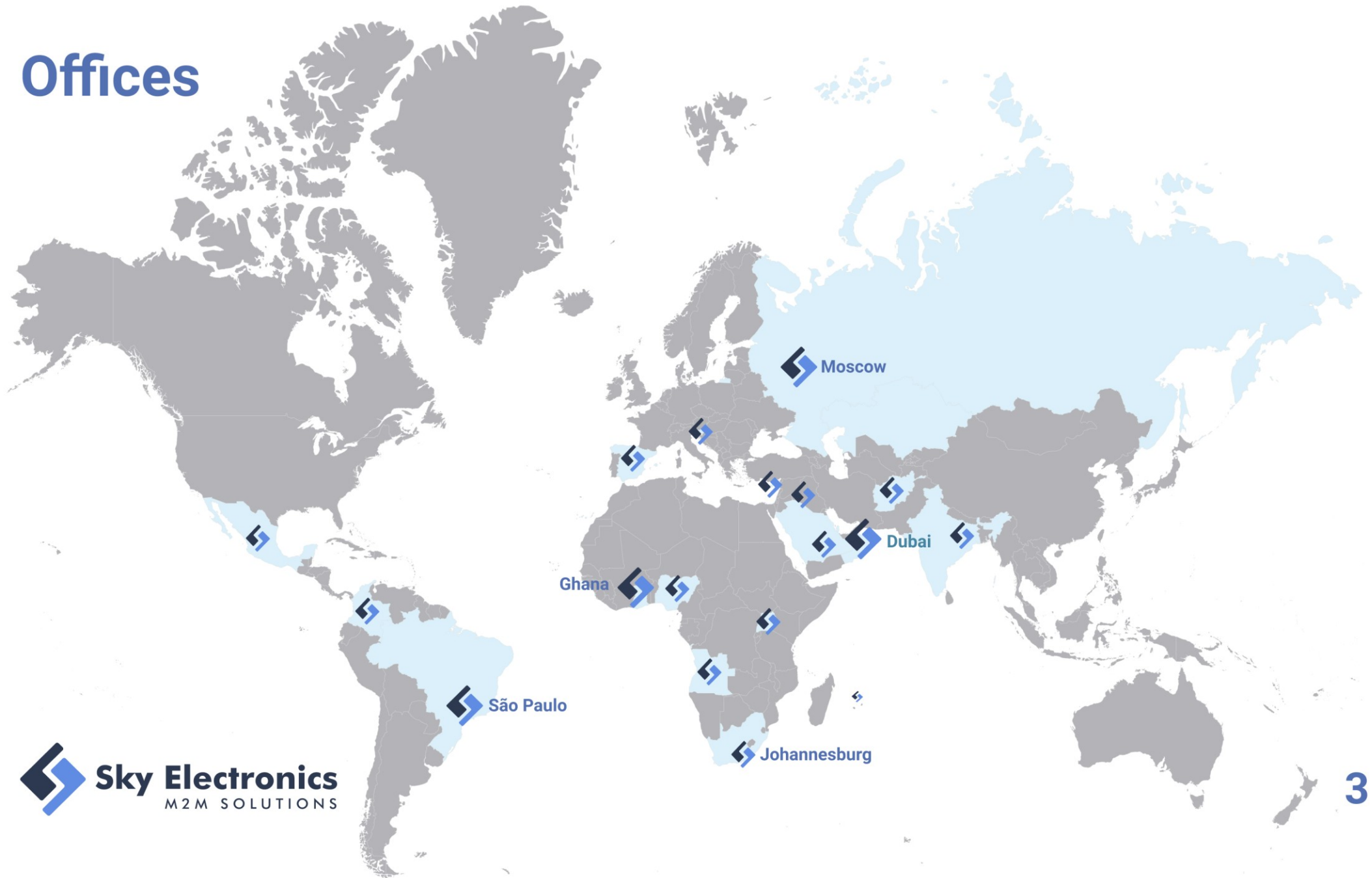


Click

## Click

Sharing sports equipment

# Offices



# Business process

1

Application acceptance for delivery

2

Treatment and save application

3

Treatment and arrangement of applications to the optimal route

4

Transfer of application to the contractor (courier)

5

Monitoring the execution of an application by courier

6

Customer alert about the current status of the application

7

Receiving report on execution from the courier

8

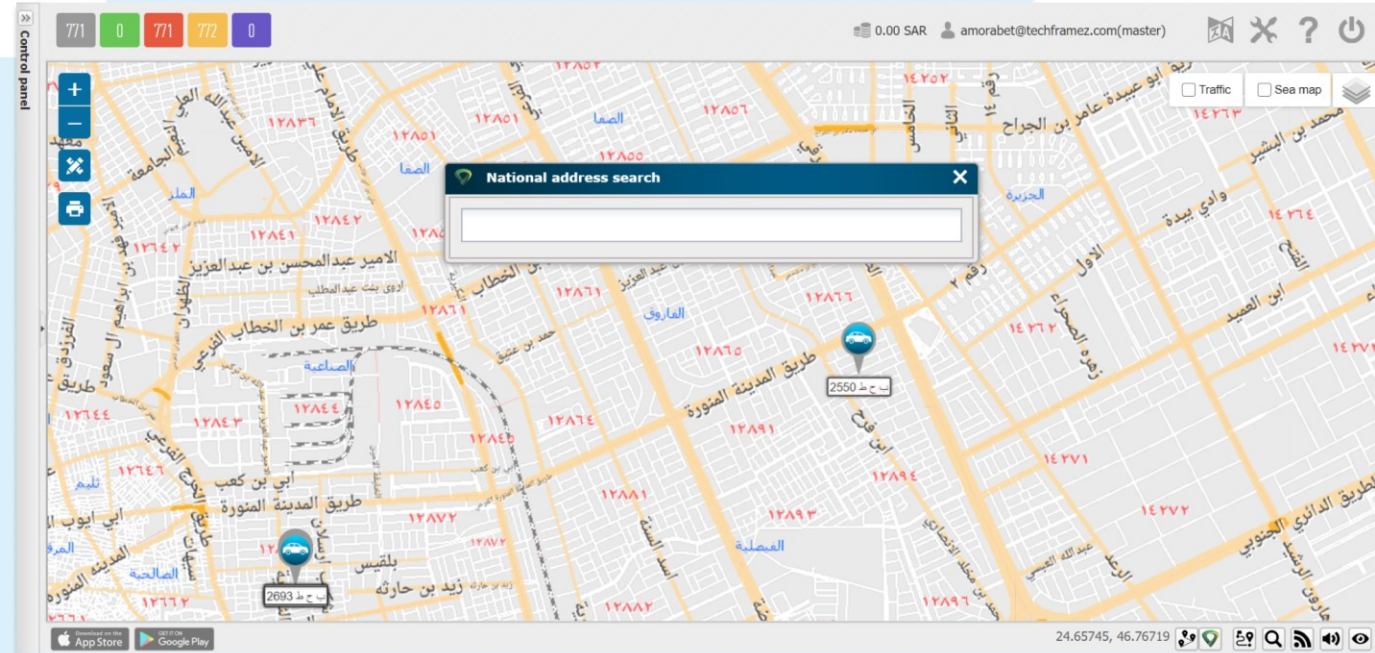
Reporting

# Methods for receiving and processing applications

## Admission Methods:

- Manual entry into the form of the interface;
- Download file;
- Reception of applications via email;
- API.

## Geocoding Methods (from address to coordinates):



OpenStreetMap



العنوان الوطني  
NATIONAL ADDRESS

Application form type - dynamic  
with the possibility of using formulas



# Work with applications

Routing can be done taking into account time windows and minimum mileage. Formed routes or individual applications may be transmitted to the driver through:

- Mobile app;
- SMS message;
- Telegram bot.

The system can independently track the status of the route, as well as through the mobile application.

Transfer of information about the status of the application to the client through:

- Website form;
- Chat bot;
- By the temporary link.

Application execution control:

- Forecast delivery time;
- Control of transportation conditions;
- Issuing recommendations for troubleshooting.

# Work with applications

**Tasks**

Task

Initiator information

Route number

Executor information

Vehicle:

Driver:

Home TC (mail):

Name of driver (mail):

Task information

Task Type\*:  
Delivery

Loading address\*:

Details

Visit time: 22.06.2020 15:19

Warehouse:

Load/unload time: 20 Geofence radius: 100

Unloading address\*:

Details

Visit time: 22.06.2020 15:18

Map

Count copy: 1 Backwards Send Forecast

**Waybill for task #11971**

Address	Time In	Time Out	Is check	Type	Distance...	Duration...
Krasnodar, RC Krasnodar, Krasnodar Territory	6/19/2020, 9:32 AM	6/19/2020, 9:55 AM	✓	base	0	00 sec
Novotitarovskaya, Lenina St., Building 155	6/19/2020, 10:36 AM	6/19/2020, 11:37 AM	✓	unload	35.74	34 min
Novotitarovskaya, Broad Street, 103	6/19/2020, 11:42 AM	6/19/2020, 12:21 PM	✓	unload	1.86	02 min
Krasnodar, p. South, st. Sovetskaya, 29	6/19/2020, 12:35 PM	6/19/2020, 1:12 PM	✓	unload	13.30	14 min
Krasnodar, RC Krasnodar, Krasnodar Territory	6/19/2020, 2:03 PM		✓	base	31.69	34 min
					82.60	01 hour 26 min

# Work with applications

## Garm

The Garm web application interface displays a map of South Africa with a table of active applications below it. The table has columns for Date, Object, Processing (Stage, Operator, Date), and Event (Group, Text, Alternate text). The table contains four rows of application data.

Date	Object	Processing			Event		
		Stage	Operator	Date	Group	Text	Alternate text
GS210440	Nene		RSA, KwaZulu-Natal, eThekweni Metropolitan Municipality, Kloof, eThekweni Ward 15, Alexander Road		44	GS210440 Nene:Moving without ignition:On	
GS 561276	JP		RSA, KwaZulu-Natal, eThekweni Metropolitan Municipality, Durban North, eThekweni Ward 36, Chris Hani Road		5	GS 561276 JP:Moving without ignition:On	
SR95FGRT			RSA, Gauteng, City of Ekurhuleni Metropolitan Municipality, Benoni, Ekurhuleni Ward 32, Main Reef Road		1	SR95FGRT:Main battery:Disconnected (Main battery disconnect)	
MR95JKER			RSA, Gauteng, City of Johannesburg Metropolitan Municipality, Soweto, Johannesburg Ward 68, Western Runace		1	MR95JKER:SOS button:On (Panic Button)	

Event groups: [dropdown menu]

New message from 1105132688 15:31:37 22.06.2020

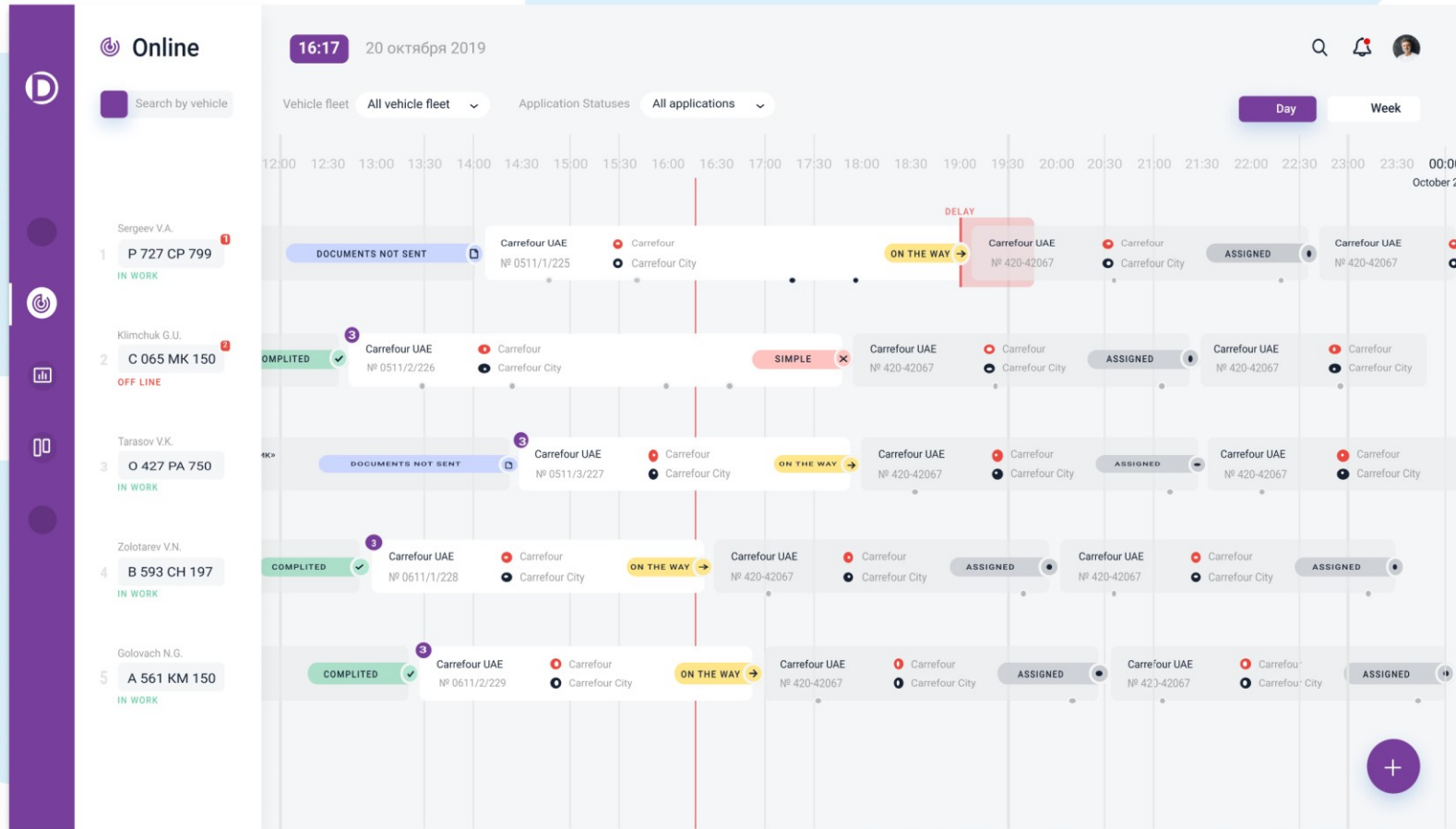
23.51363, 41.89087

## PTM

The PTM mobile application interface shows the details of an active application. The application is titled "Active application" and is currently in the "Driving" state. The application number is 146556. The status is "Sent to driver" and the type is "Delivery". The contact person is "Bovarov Valentin". The location is "Россия, Ростов-на-Дону, ул. Обороны, 49". The application has several actions available: "Completed", "Left", "Arrived at the point", and "Actions".

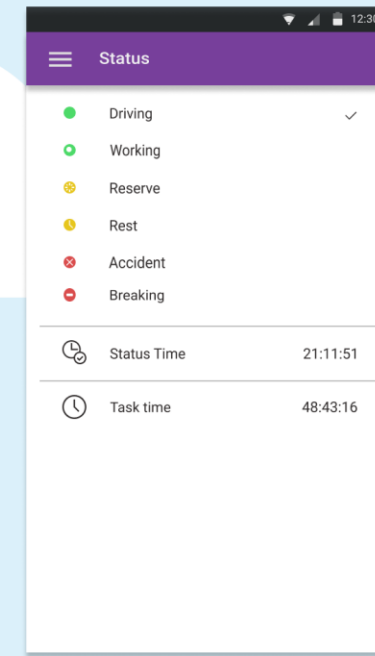
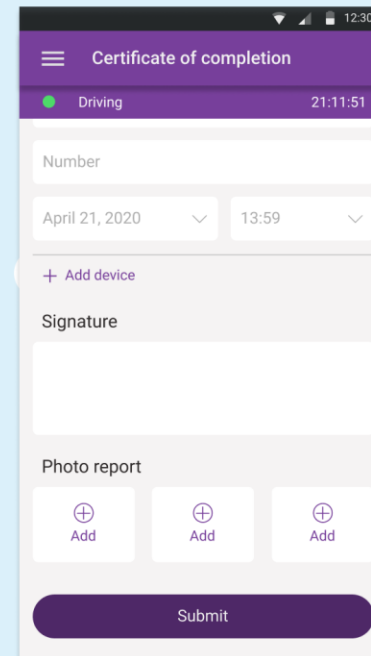
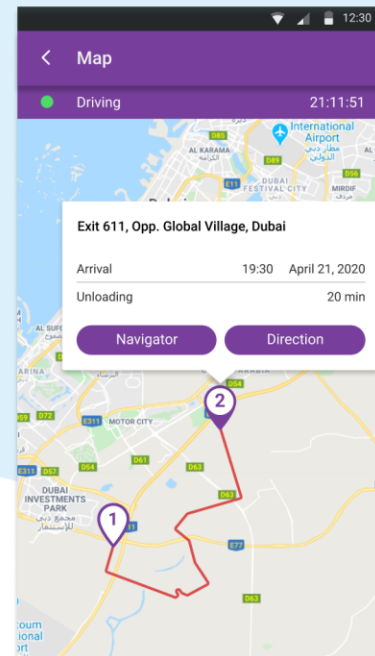
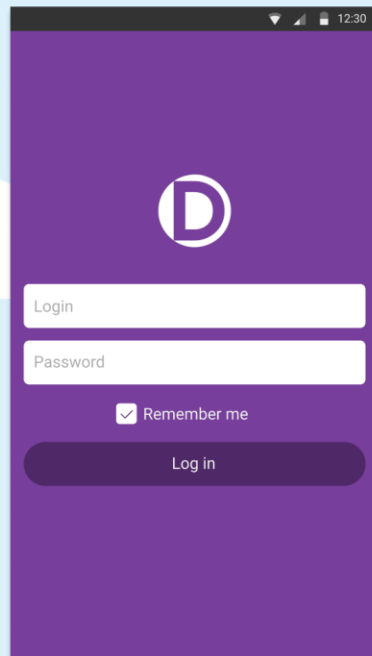


# Work with applications



# Mobile app

The courier can send a photo report on the work done, fill out a reporting form, put a list on the phone screen.



# Reports

Control Panel

36 24 12 0

ivanov(master)

Map

### Reports

Date: Wednesday 24.06.2020 00:00 - Thursday 25.06.2020 00:00

Task ID	Vehicle	Driver	Point of Departure	ET	Fact departure time	Delivery address	ETA	Fact arrival time	Alarms Count
▼ 12755	p340xy123	Boldyrev Gennady Alexandrovich	Kropotkin, Industrial Area 7	10:30 24.06.2020	10:30 24.06.2020	Pavlovskaya, Gorky St., house number 259	15:29 24.06.2020	15:20 24.06.2020	5
12755	p340xy123	Boldyrev Gennady Alexandrovich	Kropotkin, Industrial Area 7	10:30 24.06.2020	10:30 24.06.2020	Kislyakovskaya, Kotlyarevskogo St., building number 2	11:15 24.06.2020	11:10 24.06.2020	1
12755	p340xy123	Boldyrev Gennady Alexandrovich	Kislyakovskaya, Kotlyarevskogo St., building number 2	11:20 24.06.2020	11:15 24.06.2020	Pavlovskaya, Gorky, house number 285	13:05 24.06.2020	13:10 24.06.2020	0
12755	p340xy123	Boldyrev Gennady Alexandrovich	Pavlovskaya, Gorky, house number 285	13:20 24.06.2020	13:20 24.06.2020	Pavlovskaya, Korotkaya St., house number 11	14:15 24.06.2020	14:20 24.06.2020	2
12755	p340xy123	Boldyrev Gennady Alexandrovich	Pavlovskaya, Korotkaya St., house number 11	14:30 24.06.2020	14:30 24.06.2020	Pavlovskaya, Gorky St., house number 259	15:29 24.06.2020	15:20 24.06.2020	2
▶ 34523	g234ze382	Bovarov Valentin Alekseevich	Russia, Gorelovo, Industrial Area 2	8:30 24.06.2020	8:30 24.06.2020	Russia, Staro-Panovo, Tallinn highway	14:50 24.06.2020	14:45 24.06.2020	1

New message from FINES 14:26:24 25.06.2020

App Store Google Play

# Additional system features

- Monitoring of transport;
- Analytics of the operation of transport;
- Maintenance module;
- Logbook;
- Solutions for controlling the conditions of storage of goods in warehouses.

# Contacts

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